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SUGAR REPORTS

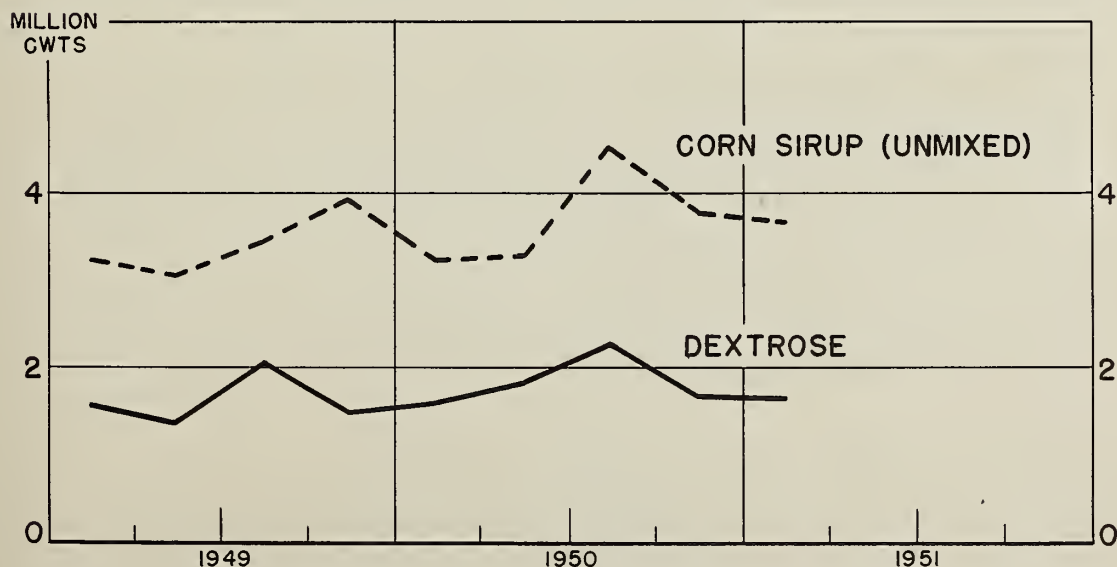
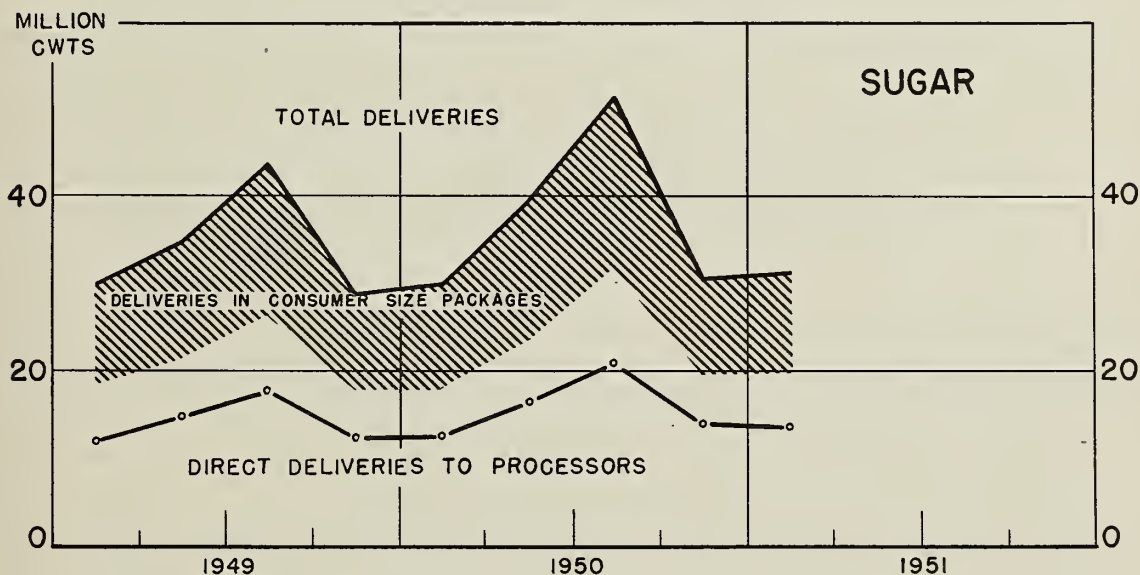
U. S. DEPARTMENT OF AGRICULTURE • PRODUCTION AND MARKETING ADMINISTRATION • SUGAR BRANCH

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SUGAR, DEXTROSE, AND CORN SIRUP DELIVERIES (BY QUARTERS)



U. S. DEPARTMENT OF AGRICULTURE

PRODUCTION AND MARKETING ADMINISTRATION

Figure 1. Deliveries of both sugar and the corn sweeteners expanded in 1950 as compared to 1949 and again were higher in the first quarter of 1951 than in the comparable quarter 1950.

SUGAR, DEXTROSE, AND CORN SIRUP DELIVERIES

The considerations which influence a food processor to select sugar, dextrose, or a blend of sugar and one of the corn sweeteners for use in various food products are described in a report published this month by the Department entitled "Competitive Relationship between Sugar and Corn Sweeteners." Characteristics of a sweetener which make it desirable for use in one food product may create a problem when it is used in another. Or a certain property of one of the sweeteners may be desirable in a product but only to a limited extent, in which case a definite restriction is placed on the quantity of that sweetener which may be used. More than seven hundred food processors were interviewed during the course of the study; their experiences with respect to the use of sweeteners in most sweetener containing products are summarized in the publication.

In connection with the study, a Research and Marketing Act project, cane sugar refiners, importers, and beet sugar processors whose volume represents over 95 percent of the sugar distributed in the United States, and all of the dextrose manufacturers agreed to supply quarterly reports of the deliveries of these products to the various classes of purchasers. Statistics for 1949 and the first and second quarters of 1950 were released in Sugar Reports 7, 8, and 9. Data for the last half of 1950 and the first quarter of the present year are shown in Tables 1 to 21. Figures 1 to 3 summarize the trends of sweetener use since the beginning of 1949 by each of the major industries and also in the several regions of the country.

As a result of continuing research by industrial users, sweetener producers, and a number of universities, changes are constantly occurring in the range of sweetener formulae suitable for individual food products. Whether or not a food processor actually changes his formulae depends on the interplay of a number of economic, legal, and psychological considerations. These matters are discussed in the publication referred to above. This issue of Sugar Reports is concerned only with the current trend in the use of sweeteners which results from these factors and from the relative rate of growth of the sweetener-using industries.

Most of the industrial users as well as household consumers increase their purchases of sweeteners in the second quarter and then do their heaviest buying in the third quarter. Buying during the last quarter generally reverts to the low level of the first quarter. The confectionery industry is exceptional. Sale of

candy reaches a low point at the beginning of the third quarter and then rises sharply to a peak early in the last quarter from which point it declines steadily for the balance of the annual cycle. Because of this sales pattern, the heavy buying of sweeteners by the confectionery industry lags one quarter behind the general pattern. Purchases by the baking industry remain at a more nearly constant rate throughout the year than those of any other group. Because its operations are closely related to the harvest season, the canning industry concentrates its purchases of sweeteners in the third quarter to a much greater extent than is customary with other industries. Deliveries of sugar for household consumers follow rather closely the general seasonal pattern. This might be expected, since household consumers use sweeteners for most of the purposes for which food processors use them. Very little dextrose or unmixed corn sirup is used in the home.

Although the seasonal pattern of sugar and dextrose purchases is firmly established, variations occur from year to year in response to price moves, buyers' ideas concerning the future movement of sugar prices, and, occasionally, the decision of buyers to replenish dwindling stocks regardless of price at times when they anticipate or fear an interruption to the steady flow of deliveries.

Several months after the decontrol of sugar late in 1947, both household and industrial users began to maintain their stocks of sugar at very low levels. This policy was relaxed slightly in the two months prior to the beginning of hostilities in Korea. In the third quarter of 1950, however, inventories were replenished to a more significant degree particularly by household consumers but also to some extent by industrial users. This fact is reflected in the sugar delivery figures for that period, 17 percent above those for the comparable quarter in 1949. Late in the fourth quarter, the canning, beverage, and ice cream industries again expanded their sugar stocks somewhat. Total sugar deliveries for the last quarter were 6.5 percent higher than in the last quarter of 1949.

Oddly enough, dextrose sales showed their largest year to year increase in the second rather than in the third quarter of 1950. The baking industry, which uses most of the dextrose produced in this country, showed its largest year to year gain in the second quarter not only with respect to dextrose purchases but also sugar purchases. The canning industry, which concentrates its activities in the third quarter, appears to have replaced dextrose with corn sirup to a rather substantial degree in 1950 as compared to 1949. Corn sirup sales scored their largest gain in the third quarter partly as a result of the action of the canning industry and partly because the confectionery industry, which uses the bulk of this sweetener, sharply advanced its purchases of both sirup and sugar in that quarter.

SUGAR, DEXTROSE, AND CORN SIRUP DELIVERIES TO PROCESSING INDUSTRIES BY QUARTERS

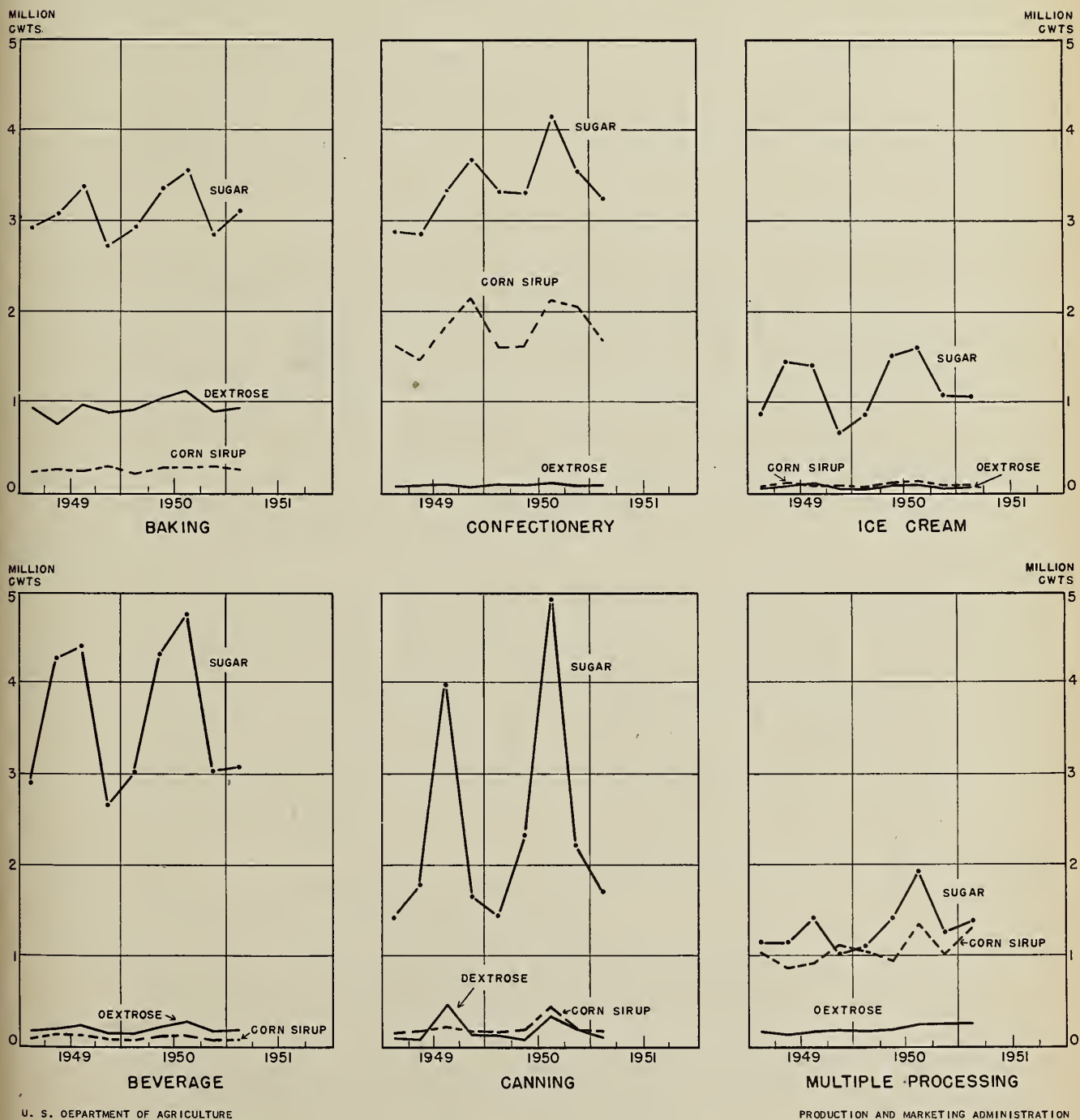


Figure 2. Data represents, on a quarterly basis, direct deliveries to processing industries of all dextrose and corn sirup, and approximately 95 percent of the sugar so distributed. Deliveries to processors by wholesalers, retailers, brokers or dealers are not reflected.

As a result of the action of buyers in increasing their stocks from the low levels of the immediately preceding years, sugar deliveries increased by 10 percent in 1950 over the 1949 level, dextrose sales by 12.7 percent, and corn sirup sales by 8.3 percent. Population gains and the improved level of personal incomes contributed toward this record but were of less importance than inventory expansion. During the first quarter of 1951, sugar deliveries exceeded the like period of the previous year by 3.5 percent while dextrose sales were 6.4 percent higher, and corn sirup sales, 13.5 percent higher.

Only in the baking industry, which uses dextrose to a greater extent than any other, and among the processors of non-food products does there currently appear to be a sustained trend toward the expanded use of corn sweeteners in relation to sugar. Deliveries, of course, do not necessarily reflect usage and indeed there is reason to believe that sugar stocks may have been accumulated in 1950 to a greater extent than dextrose or corn sirup stocks. On the basis of deliveries, however, both the beverage and canning industries appear to have maintained in 1950 about the same ratio of sweetener use as in the prior year and the confectionery and ice cream industries appear to have expanded their use of sugar in relation to the corn sweeteners.

The seasonal pattern of sugar deliveries is not nearly so accentuated in New England as in other regions of the country. Importance of the canning industry in the West causes distribution in the third quarter to be extremely high there. Third quarter distribution is also accentuated in the North Central region but apparently home canning is of greater importance than industrial canning in this case. Direct deliveries of sugar to industrial users account for a smaller proportion of total deliveries in the South than in other parts of the country.

Sweetener containing products are classified in the following manner in the tables which follow:

Bakery and allied products: Bread, rolls, sweet goods, dessert preparations, doughnuts, biscuits, crackers, cookies, pretzels, crullers, baking mixes and cereal paste products.

Confectionery and related products: Candy, candied fruits, and other confectionery products, chocolate and cocoa products, chewing gum; confectioners' supply houses.

Ice cream and dairy products: Ice cream, ice cream mix, ices, sherbets, frozen custard, sweetened condensed milk (bulk and case goods), creamery butter, cheese and cheese spreads, chocolate milk, and miscellaneous dairy products.

Beverages: Alcoholic and non-alcoholic beverages, drink mixes, fountain sirups, flavoring and coloring extracts.

Canned, bottled and frozen foods, jams, jellies, preserves, etc.: Canned, frozen, bottled and dried fruits, vegetables, fruit juices, vegetable juices, soups, soup mixes, baked beans, pickled fruits and vegetables, relishes, vegetable sauces, and seasoning, jams, jellies, preserves, marmalades, fruit butters, mayonnaise, and condiments.

Multiple and all other food uses: Deliveries to buyers making products falling into two or more of the above categories and for which estimates of amounts going into each category are not feasible. Also, deliveries for miscellaneous food uses, such as meat curing, sirup blending, etc.

Non-food uses: All non-food uses, such as tobacco, pharmaceutical, etc.

A number of food processors purchase sugar from wholesalers, retailers, jobbers or sugar dealers. These transactions are not reflected in the quantities of sugar shown in the following tables as direct deliveries from primary sugar distributors to the principal processing industries. However, the information as reported will give a fairly dependable basis for keeping abreast of trends in sugar consumption in each use category. Since most of the dextrose and unmixed corn sirup sales are made directly to end users, the data as reported approximate the receipts of this product for each type of user.

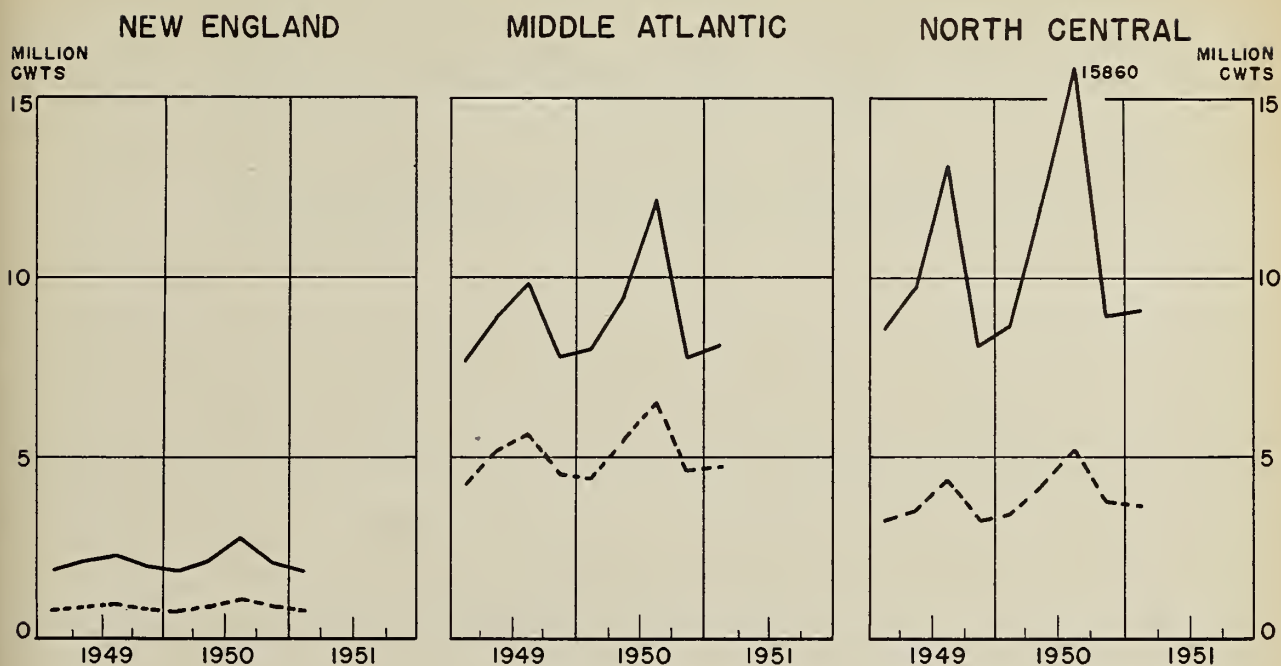
The states are classified in the following manner:

New England States - Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

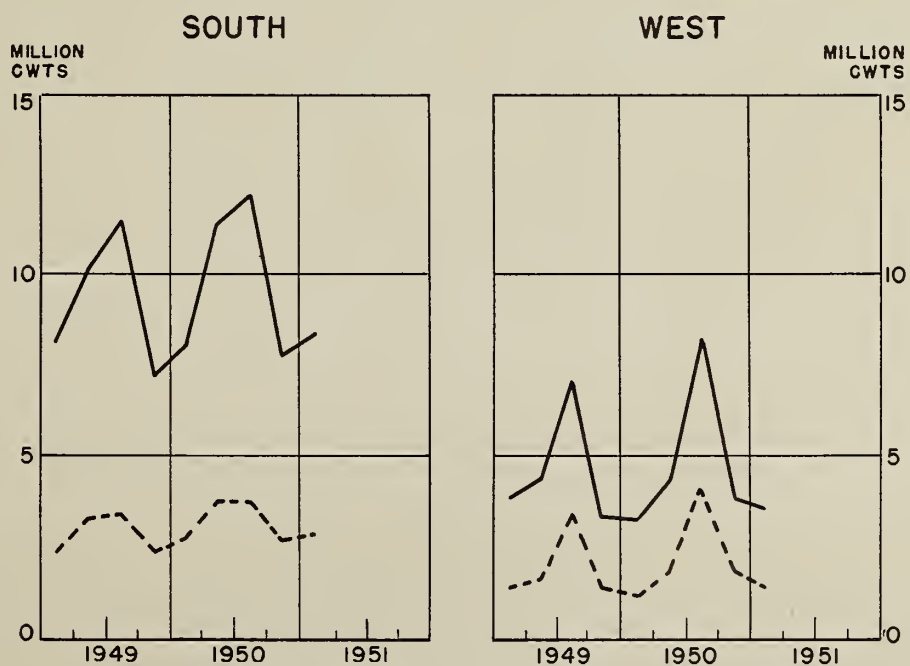
Middle Atlantic States - New York, New Jersey, and Pennsylvania.

North Central States - Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

REGIONAL SUGAR DELIVERIES BY QUARTERS



— TOTAL DELIVERIES
 ---- DIRECT DELIVERIES TO PROCESSORS



U. S. DEPARTMENT OF AGRICULTURE

PRODUCTION AND MARKETING ADMINISTRATION

Figure 3. Marked variations in the seasonal pattern of distribution occur from region to region. The proportion of total deliveries accounted for by processors also varies considerably.

Southern States: - Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.

Western States - Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Table 1 Sugar deliveries, by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

UNITED STATES

Product or Business of Buyer	1950			1951		Change from comparable period of prior year	
	Third quarter	Fourth quarter	Total	First quarter	Year	Year	First quarter
	Cwt.	Cwt.	1950 Cwt.	Cwt.	1950	Percent	1951
Bakery and allied products, cereals and cereal products	3,561,836	2,843,858	12,723,819	3,091,352	÷ 5.0	÷ 5.0	÷ 5.2
Confectionery and related products	4,187,869	3,538,549	14,376,515	3,263,195	÷ 12.4	÷ 12.4	- 2.2
Ice cream and dairy products	1,603,680	1,095,142	5,074,003	1,083,935	÷ 14.1	÷ 14.1	÷ 27.0
Beverages	4,761,957	3,016,749	15,115,929	3,059,927	÷ 6.0	÷ 6.0	÷ 1.4
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	4,993,240	2,230,189	11,009,726	1,721,507	÷ 24.3	÷ 24.3	÷ 18.7
Multiple and all other food uses	1,613,651	1,140,101	4,993,283	1,153,369	÷ 24.4	÷ 24.4	÷ 24.6
Non-food products	320,720	130,406	780,019	244,583	÷ 5.8	÷ 5.8	÷ 24.0
Hotels, restaurants, institutions	158,170	131,753	554,051	142,237	÷ 1.4	÷ 1.4	÷ 12.4
Wholesale grocers, jobbers, sugar dealers	21,512,012	11,084,297	60,775,357	11,916,080	÷ 13.0	÷ 13.0	÷ 3.1
Retail grocers, chain stores, super markets	7,990,065	4,435,093	23,440,775	4,803,725	- 1.1	- 1.1	- 5.3
All other deliveries, including deliveries to Govt. agencies	489,465	549,859	1,758,747	462,230	÷ 7.3	÷ 7.3	÷ 8.6
TOTAL DELIVERIES	51,192,665	30,195,996	150,602,224	30,942,140	÷ 10.0	÷ 10.0	÷ 3.5
Deliveries in consumer-size packages (less than 100 pounds)	19,268,586	10,468,896	57,514,340	11,133,093	÷ 6.6	÷ 6.6	- 7.1
1/ "Deliveries in consumer-size packages" are included in "Total Deliveries"							

Source: Reports of primary distributors of sugar to the Sugar Branch, PMA.

Table 2 Dextrose sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

Product or Business of Buyer	UNITED STATES				Change from comparable period of prior year	
	1950		1951		Year 1950	First quarter 1951
	Third quarter	Fourth quarter	Total 1950	First quarter	Percent	Percent
	Cwt.	Cwt.	Cwt.	Cwt.		
Bakery and allied products, cereals and cereal products	1,128,824	896,890	3,973,905	927,127	÷ 14.2	÷ 1.1
Confectionery and related products	87,696	69,115	305,250	75,334	÷ 10.1	÷ 0.3
Ice cream and dairy products	88,714	40,723	264,172	51,540	- 2.4	÷ 12.6
Beverages	282,483	161,234	789,137	170,416	÷ 7.4	÷ 31.6
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	345,416	175,694	749,665	105,071	- 4.4	- 26.3
Multiple and all other food uses	119,869	97,256	393,896	92,467	÷ 28.7	÷ 7.9
Non-food products	101,114	143,882	410,869	129,712	÷ 33.6	÷ 56.1
Wholesale grocers, jobbers, retail grocers, chain, super markets	82,853	54,738	250,504	67,356	÷ 20.4	÷ 34.2
Other sales, including sales to Government agencies	34,215	21,952	149,926	33,280	÷ 57.1	÷ 36.4
TOTAL DOMESTIC SALES 1/	2,271,184	1,661,484	7,287,324	1,652,303	÷ 12.8	÷ 6.4

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 3 Corn sirup (unmixed) sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

UNITED STATES

Product or Business of Buyer	1950			1951		Change from comparable period of prior year	
	Third quarter Cwt.	Fourth quarter Cwt.	Total 1950 Cwt.	First quarter Cwt.	Year 1950 Percent	First quarter 1951 Percent	
Bakery and allied products, cereal and cereal products	269,106	278,207	1,036,149	248,726	÷ 4.8	÷ 13.4	
Confectionery and related products	2,149,217	2,062,719	7,441,519	1,681,149	÷ 5.0	÷ 4.5	
Ice cream and dairy products	103,496	72,057	316,781	83,019	÷ 3.5	÷ 61.3	
Brewery and brewery supply houses	(104,784)	(80,220)	(367,421)	(82,813)	(-12.9)	(- 4.7)	! </td
Soft drinks	(6,122)	(5,119)	(17,958)	(1,945)	(÷237.4)	(÷387.5)	∞
Total beverages	110,906	85,339	385,379	84,758	- 9.7	- 2.9	
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	443,435	174,541	970,659	166,876	÷ 41.8	÷ 6.3	
Blended Sirups	(942,571)	(673,562)	(3,163,069)	(1,018,488)	(÷ 2.9)	(÷ 20.5)	
Miscellaneous food products	(292,339)	(191,813)	(715,503)	(170,967)	(÷55.6)	(÷ 80.2)	
Total multiple and all other products	1,234,910	865,375	3,878,572	1,189,455	÷ 9.8	÷ 26.6	
Non-food products	140,319	142,520	509,163	142,911	÷20.0	÷ 27.1	
Wholesale grocers, jobbers, sugar dealers	85,978	84,643	302,723	78,474	÷20.9	÷ 26.4	
TOTAL DOMESTIC SALES	4,537,367	3,765,401	14,840,945	3,675,368	÷ 8.3	÷ 13.5	
TOTAL DOMESTIC SALES, DRY BASIS 1/	3,643,506	3,023,617	11,917,279	2,951,321			

1/ Based on 43° sirup with average solids content of 80.3 percent. Source: Corn refiners reports to Price Waterhouse distributed through Grain Branch, PMA.

Table 4 Sugar deliveries by type of product or business of buyer and by type of sugar delivered, year 1950 1/

UNITED STATES

Product or Business of Buyer	Beet Cwt.	Cane 2/ Cwt.	Imported D.C. Cwt.	Liquid 3/ Cwt. equiv.	Total Sugar Cwt.
Bakery, cereal and allied products	4,262,457	7,280,471	817,026	363,865	12,723,819
Confectionery and related products	2,937,804	7,386,280	1,989,463	2,062,968	14,376,515
Ice cream and dairy products	1,670,391	2,167,136	243,563	992,913	5,074,003
Beverages	2,469,396	7,671,681	2,397,058	2,577,794	15,115,929
Canned, bottled, frozen foods; jams, jellies, preserves	3,530,725	3,452,848	1,287,951	2,738,202	11,009,726
Multiple and all other food uses	953,591	2,759,613	129,023	1,151,056	4,993,28
Non-food products	26,768	452,706	245,683	54,862	780,019
Hotels, restaurants, institutions	26,418	506,863	18,799	1,971	554,051
Wholesale grocers, jobbers, sugar dealers	12,392,303	45,575,769	2,678,079	129,206	60,775,357
Retail grocers, chain stores, super markets	2,935,794	20,200,097	297,603	7,281	23,440,775
All other deliveries, including deliveries to Government agencies	562,418	1,190,271	5,393	665	1,758,747
TOTAL DELIVERIES	31,768,065	98,643,735	10,109,641	10,080,783	150,602,224
Deliveries in consumer-size packages (less than 100 lb.) 4/	7,933,054	49,262,256	319,030		57,514,340

1/ Represents approximately 97 percent of deliveries by primary distributors in continental United States.

2/ Includes raw sugar delivered by refiners for direct consumption.

3/ Includes continental production and imports.

4/ "Deliveries in consumer-size packages" are included in "Total Deliveries." Source: Reports of primary distributors of sugar to Sugar Branch, PMA.

Table 5 Sugar deliveries by type of product or business of buyer and by type of sugar delivered, third quarter, 1950 ^{1/}

UNITED STATES

Product or Business of Buyer	Beet Cwt.	Cane 2/ Cwt.	Imported D.C. Cwt.	Liquid 3/ Cwt. equiv.	Total Sugar Cwt.
Bakery, cereal and allied products	1,134,538	2,109,391	222,519	95,388	3,561,836
Confectionery and related products	907,819	2,191,924	629,891	458,235	4,187,869
Ice cream and dairy products	503,719	695,154	86,424	318,383	1,603,680
Beverages	826,159	2,152,835	968,735	814,228	4,761,957
Canned, frozen foods, jams, jellies, preserves	1,514,684	1,193,004	536,389	1,749,163	4,993,240
Multiple and all other food uses	351,443	809,664	47,622	404,922	1,613,651
Non-food products	5,692	128,190	170,848	15,990	320,720
Hotels, restaurants, institutions	7,134	144,883	5,831	322	158,170
Wholesale grocers, jobbers	4,778,372	15,380,827	1,301,523	51,290	21,512,012
Retail grocers, chain stores, super markets	1,167,327	6,658,467	161,644	2,627	7,990,065
All other deliveries	140,131	347,797	977	560	489,465
TOTAL DELIVERIES	11,337,018	31,812,136	4,132,403	3,911,108	51,192,665
Deliveries in consumer-size packages (less than 100 lbs.) ^{4/}	3,086,483	16,057,469	124,634	-	19,268,586

^{1/} Represents approximately 98 percent of deliveries by primary distributors in continental United States.

^{2/} Includes raw sugar delivered by refiners for direct consumption.

^{3/} Includes continental production and imports.

^{4/} "Deliveries in consumer-size packages" are included in "Total Deliveries."

Source: Reports of primary distributors of sugar to Sugar Branch, FMA.

Table 6 Sugar deliveries by type of product or business of buyer and by type of sugar deliveries fourth quarter, 1950 ^{1/}

UNITED STATES

Product or Business of Buyer	Beet Cwt.	Cane 2/ Cwt.	Imported D.C. Cwt.	Liquid 3/ Cwt. equiv.	Total Sugar Cwt.
Bakery, cereal and allied products	1,064,186	1,633,036	49,552	97,084	2,843,858
Confectionery and related products	748,438	2,128,046	149,710	512,355	3,538,549
Ice cream and dairy products	489,426	404,799	6,615	194,302	1,095,142
Beverages	799,936	1,658,312	25,180	533,321	3,016,749
Canned, bottled, frozen foods; jams, jellies, preserves	830,547	847,491	69,417	482,734	2,230,189
Multiple and all other food uses	215,009	654,373	8,519	262,200	1,140,101
Non-food products	8,751	105,525	1,452	14,678	130,406
Hotels, restaurants, institutions	5,828	125,508	-	417	131,753
Wholesale grocers, jobbers, sugar dealers	2,258,047	8,649,196	148,716	28,338	11,084,297
Retail grocers, chain stores, super markets	514,541	3,910,424	9,187	941	4,435,093
All other deliveries, including deliveries to Government agencies	147,537	402,310	-	12	549,859
TOTAL DELIVERIES	7,082,246	20,519,020	468,348	2,126,382	30,195,996
Deliveries in consumer-size packages (less than 100 lb.)	1,343,739	9,082,114	43,043	-	10,468,896

1/ Represents approx. 95 percent of deliveries by primary distributors in continental United States.

2/ Includes raw sugar delivered by refiners for direct consumption.

3/ Includes continental production and imports.

4/ "Deliveries in consumer-size packages" are included in "Total Deliveries."

Source: Reports of primary distributors of sugar to Sugar Branch, PMA.

Table 7

Sugar deliveries, by type of product or business of buyer and by type of sugar delivered, first quarter 1951 ^{1/}

UNITED STATES

Product or Business of Buyer	Beet Cwt.	Cane Cwt.	Imported D.C. Cwt.	Liquid ^{3/} Cwt. equiv.	Total sugar cwt.
Bakery, cereal and allied products	1,150,616	1,720,915	134,592	85,229	3,091,352
Confectionery and related products	765,818	1,592,449	417,104	487,824	3,263,195
Ice cream and dairy products	406,615	424,920	26,549	225,851	1,083,935
Beverages	636,042	1,578,410	379,618	465,857	3,059,927
Canned, bottled, frozen foods; jams, jellies, preserves	577,313	642,197	242,694	259,303	1,721,507
Multiple and all other food uses	282,639	607,457	3,915	259,358	1,153,369
Non-food products	7,698	121,271	96,435	19,179	244,583
Hotels, restaurants, institutions	11,096	126,741	3,315	1,085	142,237
Wholesale grocers, jobbers, sugar dealers	2,577,913	8,846,453	463,465	28,249	11,916,080
Retail grocers, chain stores, super markets	684,597	4,085,035	30,703	3,390	4,803,725
All other deliveries, including deliveries to Government agencies	189,973	272,257		^{5/}	462,230
TOTAL DELIVERIES	7,290,320	20,018,105	^{5/} 1,798,390	1,835,325	30,942,140
Deliveries in consumer-size packages (less than 100 lb.) ^{4/}	1,700,709	9,371,301	61,083	-	11,133,093

^{1/} Represents approx. 96 percent of deliveries by primary distributors in continental United States.^{2/} Includes raw sugar delivered by refiners for direct consumption.^{3/} Includes continental production and imports.^{4/} "Deliveries in consumer-size packages" are included in "Total Deliveries."^{5/} Included in line 10 to avoid revealing individual company figure.

Source: Reports of primary distributors of sugar to Sugar Branch, PMA.

Table 8 Sugar deliveries, by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

Product or Business of Buyer	1950			1951	Change from comparable period of prior year	
	Third quarter	Fourth quarter	Total	First quarter	Year	First quarter
	Cwt.	Cwt.	Cwt.	Cwt.	1950	1951
	Percent	Percent	Percent	Percent	Percent	Percent
Bakery and allied products, cereals and cereal products	159,727	130,354	588,761	123,644	- 0.5	- 9.4
Confectionery and related products	408,887	418,917	1,472,198	363,183	÷ 12.4	÷ 10.1
Ice cream and dairy products	99,125	57,938	307,669	57,548	- 1.0	÷ 13.0
Beverages	169,114	87,758	525,839	97,800	- 1.5	÷ 0.7
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	178,059	161,985	490,746	101,836	÷ 18.3	÷ 41.8
Multiple and all other food uses	30,018	27,945	145,768	29,873	÷ 28.1	- 5.6
Non-food products	6,546	5,624	21,408	5,136	- 25.4	÷ 18.8
Hotels, restaurants, institutions	13,414	18,790	61,122	17,826	÷ .2	÷ 22.3
Wholesale grocers, jobbers, sugar dealers	1,056,720	662,849	3,168,490	595,870	÷ 7.0	- 12.2
Retail grocers, chain stores, super markets	662,187	394,912	1,910,420	416,464	÷ 9.4	- 2.5
All other deliveries, including deliveries to Govt. agencies	12,252	17,520	47,069	12,547	÷ 27.1	÷ 42.9
TOTAL DELIVERIES	2,796,049	1,984,592	8,739,490	1,821,127	÷ 7.8	- 1.6
Deliveries in consumer-size 1/ packages (less than 100 pounds)	1,259,341	756,317	3,641,077	735,314	÷ 10.8	- 9.9
1/ "Deliveries in consumer-size packages" are included in "Total Deliveries"						

Source: Reports of primary distributors of sugar to the Sugar Branch, P.M.A.

Table 9 - Sugar deliveries by type of product or business of buyer third and fourth quarters 1950, and first quarter 1951

MIDDLE ATLANTIC

Product or Business of Buyer	1950		1951		Change from comparable period of prior year	
	Third quarter	Fourth quarter	Total	First quarter	Year	First quarter
	Cwt.	Cwt.	Cwt.	Cwt.	Percent	Percent
Bakery and allied products, cereals and cereal products	1,145,456	923,110	4,104,305	925,707	- 3.4	- 1.8
Confectionery and related products	1,903,968	1,516,610	6,423,541	1,594,556	-10.0	-15.0
Ice cream and dairy products	458,773	261,256	1,468,038	289,403	-	- 6.8
Beverages	1,194,923	761,120	3,847,741	733,363	- 4.1	-10.7
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	891,225	570,024	2,425,119	530,980	-19.4	-23.5
Multiple and all other food uses	914,861	630,027	2,921,346	649,892	-27.4	- 0.9
Non-food products	80,438	65,295	287,014	83,552	-51.4	- 4.7
Hotels, restaurants, institutions	110,887	82,087	361,989	87,651	-13.1	- 8.7
Wholesale grocers, jobbers, sugar dealers	3,286,085	1,730,678	9,386,580	1,840,052	- 8.3	- 9.6
Retail grocers, chain stores, super markets	2,073,368	1,084,740	5,699,013	1,262,059	-11.8	- 5.5
All other deliveries, including deliveries to Govt. agencies	46,740	108,719	348,180	123,938	- 4.2	-45.5
TOTAL DELIVERIES	12,106,724	7,733,666	37,272,866	8,121,153	- 9.0	- 1.9
Deliveries in consumer-size packages (less than 100 pounds)	3,876,708	2,096,775	11,086,368	2,308,604	-10.2	- 3.0

1/ "Deliveries in consumer-size packages" are included in "Total Deliveries"

Source: Reports of primary distributors of sugar to the Sugar Branch, PMA.

Table 10 Sugar deliveries, by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

NORTH CENTRAL

Product or Business of Buyer	1950		1951		Change from comparable period of prior year	
	Third quarter	Fourth quarter	Total 1950	First quarter 1951	Year 1950	First quarter 1951
	Cwt.	Cwt.	Cwt.	Cwt.	Percent	Percent
Bakery and allied products, cereals, and cereal products	1,166,314	868,659	3,990,962	954,256	÷ 13.4	÷ 4.6
Confectionery and related products	1,347,001	1,097,442	4,605,066	914,011	÷ 17.2	-23.6
Ice cream and dairy products	559,322	507,262	1,833,120	463,365	÷ 35.3	÷ 62.7
Beverages	935,432	648,802	2,911,138	632,325	- 3.1	÷ 9.7
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	831,742	383,037	2,092,400	360,961	÷ 31.1	÷ 7.8
Multiple and all other food uses	418,945	286,304	1,226,330	312,421	÷ 26.9	÷ 104.3
Non-food products	37,201	29,648	132,525	25,884	÷ 21.8	-26.1
Hotels, restaurants, institutions	10,799	10,865	47,738	12,795	- 19.1	÷ 20.5
Wholesale grocers, jobbers, sugar dealers	8,036,272	3,677,282	21,212,632	3,904,562	÷ 18.5	÷ 6.7
Retail grocers, chain stores, super markets	2,408,641	1,383,066	7,082,944	1,421,611	÷ 3.7	- 1.6
All other deliveries, including deliveries to Govt. agencies	107,895	57,791	267,794	50,444	÷ 26.3	÷ 9.7
TOTAL DELIVERIES	15,859,564	8,950,158	45,402,649	9,052,635	÷ 15.0	÷ 4.6
Deliveries in consumer-size 1/ packages (less than 100 pounds)	6,152,349	3,138,283	17,716,685	3,282,430	÷ 11.6	- 5.8

1/ "Deliveries in consumer-size packages" are included in "Total Deliveries". Source: Reports of primary distributors of sugar to the Sugar Branch, FMA.

Table 11 Sugar deliveries, by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

SOUTH

Product or Business of Buyer	1950		1951 First quarter Cwt.	Change from comparable period of prior year		
	Third quarter Cwt.	Fourth quarter Cwt.		Year 1950 Percent	First quarter 1951 Percent	
	Total 1950 Cwt.					
Bakery and allied products, cereals, and cereal products	598,835	543,489	2,405,943	675,606	+10.3	+16.0
Confectionery and related products	288,602	277,352	1,049,963	194,361	+14.4	-20.6
Ice cream and dairy products	248,108	124,804	812,718	153,541	+ 6.2	+ 8.2
Beverages	1,952,165	1,254,684	6,477,547	1,315,923	+12.0	+ .3
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	551,822	387,336	1,838,967	383,815	+38.7	+ .8
Multiple and all other food uses	135,591	96,215	372,551	80,034	+25.5	+36.2
Non-food products	195,125	29,764	313,026	129,792	-22.7	+141.7
Hotels, restaurants, institutions	16,119	14,265	59,811	15,538	+11.8	+ 4.8
Wholesale grocers, jobbers, sugar dealers	6,331,721	3,654,417	19,603,238	4,115,867	+12.7	+ 9.5
Retail grocers, chain stores, super markets	1,781,836	1,075,884	6,043,929	1,149,487	-16.6	- 22.9
All other deliveries, including deliveries to Govt. agencies	106,239	259,801	505,559	147,581	- 2.4	+ 54.3
TOTAL DELIVERIES	12,206,163	7,718,011	39,483,252	8,361,545	+ 7.0	+ 2.8
Deliveries in consumer-size 1/ packages (less than 100 pounds)	5,229,310	3,119,028	17,605,767	3,298,650	+ .3	- 12.5
1/ "Deliveries in consumer-size packages" are included in "Total Deliveries."						

Source: Reports of primary distributors of sugar to the Sugar Branch, PMA.

Table 12 Sugar deliveries, by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

WEST

Product or Business of Buyer	1950		1951		Change from comparable period of prior year	
	Third quarter	Fourth quarter	Total 1950	First quarter 1951	Year 1950	First quarter 1951
	Cwt.	Cwt.	Cwt.	Cwt.	Percent	Percent
Bakery and allied products, cereals, and cereal products	491,504	378,246	1,633,848	412,739	+3.7	+13.0
Confectionery and related products	239,411	228,228	825,747	197,084	+4.0	+9.8
Ice cream and dairy products	238,352	143,882	652,458	120,078	+19.1	+14.8
Beverages	510,323	264,385	1,353,664	280,516	+8.5	+34.1
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	2,540,392	727,807	4,162,494	343,915	+19.3	+47.3
Multiple and all other food uses	114,236	99,610	327,288	81,149	-5.5	+113.9
Non-food products	1,410	75	26,046	219	+367.9	-99.1
Hotels, restaurants, institutions	6,951	5,746	23,391	8,427	-56.0	+43.5
Wholesale grocers, jobbers, sugar dealers	2,801,214	1,359,071	7,404,417	1,459,729	+7.5	+2.0
Retail grocers, chain stores, super markets	1,064,033	496,491	2,704,469	554,104	-3.1	+8.0
All other deliveries, including deliveries to Govt. agencies	216,339	106,028	590,145	127,720	+9.9	-32.8
TOTAL DELIVERIES	8,224,165	3,809,569	19,703,967	3,585,680	+7.8	+8.9
Deliveries in consumer-size 1/ packages (less than 100 pounds)	2,750,878	1,358,493	7,464,443	1,508,095	+4.0	-1.8
1/ "Deliveries in consumer-size packages" are included in "Total Deliveries."						

Source: Reports of primary distributors of sugar to the Sugar Branch, PMA.

Table 13 Dextrose sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

NEW ENGLAND

Product or Business of Buyer	1950		1951	Change from comparable period of prior year	
	Third quarter	Fourth quarter	First quarter	Year 1950	First quarter 1951
	Cwt.	Cwt.	Cwt.	Percent	Percent
Bakery and allied products, cereals and cereal products	51,035	46,589	36,154	÷ 21.4	- 5.3
Confectionery and related products	2,169	1,356	901	÷ 37.9	÷ 16.0
Ice cream and dairy products	2,993	1,592	4,703	- 3.2	÷ 303.0
Beverages	13,863	9,700	11,073	÷ 56.8	÷ 60.2
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	1,720	3,989	1,827	÷ 89.1	÷ 21.8
Multiple and all other food uses	1,957	1,529	1,549	÷ 10.6	- 18.0
Non-food products	1,752	13,491	5,659	÷ 198.0	÷ 127.8
Wholesale grocers, jobbers, retail grocers, chain, super markets	2,211	1,575	1,742	÷ 30.9	÷ 54.4
Other sales, including sales to Government agencies	745	955	1,070	- 7.8	÷ 36.5
TOTAL DOMESTIC SALES 1/	78,445	80,776	64,678	÷ 30.9	÷ 18.0

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 14 Dextrose sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

Product or Business of Buyer	MIDDLE ATLANTIC			Change from comparable period of prior year	
	1950			Year	
				1950	
	Third quarter Cwt.	Fourth quarter Cwt.	Total 1950 Cwt.	1950 Percent.	1951 Percent
Bakery and allied products, cereals and cereal products	227,339	191,448	799,207	÷ 29.3	÷ 5.8
Confectionery and related products	48,810	42,375	169,074	÷ 16.7	÷ 11.3
Ice cream and dairy products	18,378	8,500	51,471	÷ 10.5	÷ 34.1
Beverages	54,526	39,379	155,085	÷ 14.9	÷ 34.9
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	36,641	25,062	90,916	÷ 59.0	÷ 52.4
Multiple and all other food uses	35,503	33,979	134,613	÷ 15.4	÷ 7.8
Non-food products	33,715	32,688	117,988	÷ 17.7	÷ 50.4
Wholesale grocers, jobbers, retail grocers, chain, super markets	8,349	7,924	25,615	÷ 13.1	÷ 134.3
Other sales, including sales to Government agencies	5,332	4,935	33,785	÷ 70.7	÷ 254.2
TOTAL DOMESTIC SALES 1/	468,593	386,290	1,577,754	÷ 25.1	÷ 18.4

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 15 Dextrose sales by type of product of buyer, third and fourth quarters 1950 and first quarter 1951

Product or Business of Buyer	NORTH CENTRAL				Change from comparable period of prior year	
	1950		1951		Year 1950 Percent	First quarter 1951 Percent
	Third quarter Cwt.	Fourth quarter Cwt.	Total 1950 Cwt.	First quarter 1951 Cwt.		
Bakery and allied products, cereals and cereal products	365,901	361,274	1,584,569	388,849	+ 3.9	- 3.9
Confectionery and related products	23,861	15,754	89,141	23,697	- 7.2	- 17.2
Ice cream and dairy products	26,739	12,006	83,690	14,435	- 11.7	- 5.2
Beverages	119,010	65,505	344,729	76,359	+ 4.9	+ 38.1
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	45,534	13,711	96,413	12,090	+ 16.9	- 25.7
Multiple and all other food uses	57,219	45,038	180,041	39,658	+ 35.3	+ 1.5
Non-food products	35,347	36,409	125,964	30,006	+ 34.9	+ 13.0
Wholesale grocers, jobbers, retail grocers, chain, super markets	36,173	26,408	110,486	29,960	+ 42.0	+ 49.4
Other sales, including sales to Government agencies	16,193	9,215	56,726	14,187	+ 57.9	+ 16.8
TOTAL DOMESTIC SALES 1/	725,977	585,320	2,671,759	629,241	+ 8.3	+ 1.9

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 16 Dextrose sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

SOUTH

Product or Business of Buyer	1950		1951		Change from comparable period of prior year	
	Third quarter	Fourth quarter	First quarter	Year	1950	1951
	Cwt.	Cwt.	Cwt.	Percent	Percent	Percent
Bakery and allied products, cereals and cereal products	362,805	211,333	1,006,582	210,686	± 23.1	± 6.5
Confectionery and related products	7,269	4,035	21,041	5,339	± 32.0	± 27.5
Ice cream and dairy products	24,216	11,305	72,154	13,038	± 3.0	± 10.6
Beverages	52,251	29,711	147,445	30,377	- 10.4	± 21.5
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	23,900	61,043	219,989	62,566	± 29.3	- 39.7
Multiple and all other food uses	19,888	11,991	54,519	12,825	± 65.7	± 38.5
Non-food products	27,236	59,191	140,386	57,619	± 35.2	± 93.3
Wholesale grocers, jobbers, retail grocers, chain, super markets	19,282	9,262	55,409	11,748	± 2.4	- 3.9
Other sales, including sales to Government agencies	10,470	5,560	42,170	7,776	± 40.5	± 4.4
TOTAL DOMESTIC SALES 1/	547,317	403,431	1,759,695	411,974	± 20.6	± 2.7

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 17 Dextrose sales by type of product or business of buyer, third and fourth quarters 1950 and first quarter 1951

Product or Business of Buyer	WEST			Change from comparable period of prior year		
	1950		1951	Year		First quarter
	Third quarter	Fourth quarter	Total	1950	1951	Percent
	Cwt.	Cwt.	Cwt.	Cwt.	Percent	Percent
Bakery and allied products, cereals and cereal products	121,744	86,246	403,127	94,207	9.2	5.1
Confectionery and related products	5,587	5,595	20,396	3,941	25.1	8.4
Ice cream and dairy products	16,388	7,320	46,896	8,420	4.2	10.9
Beverages	42,833	16,939	98,196	15,283	24.9	4.4
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	237,621	71,889	333,808	6,943	29.0	3.1
Multiple and all other food uses	5,302	4,719	16,236	3,264	3.4	14.6
Non-food products	3,064	2,103	7,795	1,280	102.9	48.3
Wholesale grocers, jobbers, retail grocers, chain, super markets	16,838	9,569	53,186	12,997	8.5	7.1
Other sales, including sales to Government agencies	1,475	1,287	14,179	1,269	122.9	14.4
TOTAL DOMESTIC SALES 1/	450,852	205,667	993,819	147,604	6.1	3.9

1/ Excludes packaged dextrose; represents sales in continental United States and manufacturers' intra-company usage.

Source: Reports of dextrose manufacturers to Production & Marketing Administration.

Table 18 Sugar deliveries by regions and type of product and business of buyer, 1950

UNITED STATES

Product or Business of Buyer	UNITED STATES				United States Cwt.
	New England Cwt.	Middle Atlantic Cwt.	North Central Cwt.	South Cwt.	West Cwt.
Bakery, cereal and allied products	588,761	4,104,305	3,990,962	2,405,943	1,633,848
Confectionery and related products	1,472,198	6,423,541	4,605,066	1,049,963	825,747
Ice cream and dairy products	307,669	1,468,038	1,833,120	812,718	652,458
Beverages	525,839	3,847,741	2,911,138	6,477,547	1,353,664
Canned, bottled, frozen foods; jams, jellies, preserves	490,746	2,425,119	2,092,400	1,838,967	4,162,494
Multiple and all other food uses	145,768	2,921,346	1,226,330	372,551	327,288
Non-food products	21,408	287,014	132,525	313,026	26,046
Hotels, restaurants, institutions	61,122	361,989	47,738	59,811	23,391
Wholesale grocers, jobbers, sugar dealers	3,168,490	9,386,580	21,212,632	19,603,238	7,404,417
Retail grocers, chain stores, super markets	1,910,420	5,699,013	7,082,944	6,043,929	2,704,469
All other deliveries, including deliveries to Govt. agencies	47,069	348,180	267,794	505,559	590,145
TOTAL DELIVERIES	8,739,490	37,272,866	45,402,649	39,483,252	19,703,967
Deliveries in consumer-size packages (less than 100 lb.) 1/	3,641,077	11,086,368	17,716,685	17,605,767	7,464,443

1/ "Deliveries in consumer-size packages" are included in "Total Deliveries."

Source: Reports of primary distributors to Sugar Branch, FMA.

